IN THE CLAIMS:

Please cancel claims 7-24 and 30-34, as set forth below.

1. (Original) A valve comprising:

a support element including a longitudinally extending flow path, at least a portion of the flow path extending along an axis of fluid flow;

a flexible element having an open state wherein the flow path is open, the flexible element deformable to a closed state wherein the flexible element interrupts the flow path to at least partially restrict fluid flow through the flow path; and

an actuating element having a position wherein the flexible element is at the open state, the actuating element movable along the axis of fluid flow to another position wherein the actuating element deforms the flexible element to the closed state.

2. (Original) The valve of claim 1, further comprising a biasing element to bias the actuating element towards said another position.

3. (Original) The valve of claim 1, further comprising a generally cylindrical housing to encase the support element, the flexible element, and the actuating element, the cylindrical housing having an axis substantially concentric with the axis of fluid flow.

4. (Original) A valve comprising:

means for providing a longitudinally extending flow path, at least a portion of the flow path extending along an axis of fluid flow;

means for interrupting the flow path, the means for interrupting having an open state wherein the flow path is open, the means for interrupting deformable to a closed state wherein the means for interrupting interrupts the flow path to at least partially restrict fluid flow through the flow path; and

means for deforming, the means for deforming having a position wherein the means for interrupting is at the open state, the means for deforming movable along the axis of fluid flow to another position wherein the means for deforming deforms the means for interrupting to the closed state.

5. (Original) The valve of claim 4, further comprising means for biasing the means for deforming towards said another position.

6. (Original) The valve of claim 4, further comprising means for housing the means for interrupting, the means for deforming, and the means providing a longitudinally extending flow path.

Claims 7-24 (Canceled)

25. (Original) A valve comprising:

a support element including a longitudinally extending flow path, at least a portion of the flow path extending along an axis of fluid flow;

a flexible element having an open state wherein the flow path is open, the flexible element deformable to a closed state wherein the flexible element interrupts the flow path to at least partially restrict fluid flow through the flow path;

an actuating element having a position wherein the flexible element is at the open state, the actuating element movable along the axis of fluid flow to another position wherein the actuating element deforms the flexible element to the closed state; and

a coupling mechanism coupling the actuating element with the flexible element, the coupling mechanism to allow the actuating element to deform the flexible element from the closed state to the open state when fluid pressure within the flow path is less than a pressure outside the flow path.

26. (Original) The valve of claim 25, the coupling mechanism comprising a pin, the pin coupled with a first mating aperture in the flexible element and further coupled with a second mating aperture in the actuating element.

27. (Original) The valve of claim 25, further comprising a cam mechanism slidably coupling the actuating element with the flexible element.

28. (Original) The valve of claim 25, further comprising a biasing element to bias the actuating element towards said another position.

29. (Original) The valve of claim 25, further comprising a generally cylindrical housing to encase the support element, the flexible element, the actuating element, and the coupling mechanism, the cylindrical housing having an axis substantially concentric with the axis of fluid flow.

Claims 30-34 (Canceled)